

Date: Tuesday, 8/22/2006 10:24:46 AM
 User: Jean-Luc Menard

Process Sheet

| | | | |
|-----------------------|---------------------------------------|------------------|------------------------------|
| Customer | : CC-DAR01 Dart Aerospace Ltd. | Drawing Name | : INITIAL PROTOTYPE TEMPLATE |
| Job Number | : 00065A | | |
| Estimate Number | : 10068 | | |
| P.O. Number | : | Part Number | : INITIAL PROTOTYPE |
| This Issue | : 8/22/2006 S.O. No. : | Drawing Number | : |
| Prsht Rev. | : NC | Project Number | : N/A |
| First Issue | : 7/12/2006 Type : R&D MACHINED PARTS | Drawing Revision | : |
| Previous Run | : 00064A | Material | : |
| Written By | : <u>JLM 06-08-22</u> | Due Date | : 6/28/2006 Qty: 1 Um: Each |
| Checked & Approved By | : | | |
| Comment | : Project #: | | |
| | : Description: | | |

Additional Product

Job Number:



| | | |
|---------|-----------------------|---------------|
| Seq. #: | Machine Or Operation: | Description : |
|---------|-----------------------|---------------|

| | | |
|-----|-----------------|-----------------|
| 1.0 | MFG ENGINEERING | MFG ENGINEERING |
|-----|-----------------|-----------------|



Comment: MFG ENGINEERING

Manufacture Prototype as per Dwg's Supplied By Engineering

Comments:

1. - (M2024T35.080) BATCH: M18481
 - 055 SF EACH ~~QCB~~
2. - Water Jet: CUT AS PER Dwg D3548-1 & D3547-1.
 - QTY OF 2 REQUIRED EACH. SAD 06-08-22 2 each
3. - **ENGINEERING QC2** QCB
4. - **APPROVAL** QCB 06-08-22
5. - GA FORM AS PER Dwg D3548-1 & D3547-1 06-08-22
6. - QCS
7. - FP Chemical Conversion
8. - POWDER (BAT GLOSS WHITE)
9. - QCB

FOR
 D3548-1
 &
 D3547-1

PTO

| | | |
|-----|--------|---------------|
| 2.0 | D28571 | Hinge Bracket |
|-----|--------|---------------|



Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s)
 Hinge Bracket

1.0
cont.

10. Material:

(M304S186A)

304SS .050" THK

Qty 4

Batch: H100997

11. Water Jet.

Cut AS per DWG D3546.

SAD 06:02:23

④

12 Qc2 W

13. Qc8

Full

14. GA Form AS PER DWG D3546.

15. Qc5.

For D3546-1

Process Sheet

Customer: CC-DAR01 Dart Aerospace Ltd.

Drawing Name: INITIAL PROTOTYPE TEMPLATE

Job Number: 00065A

Part Number: INITIAL PROTOTYPE

Job Number:



Seq. #:

Machine Or Operation:

Description :

3.0

D28572

Hinge Bracket



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

Hinge Bracket

4.0

PG

PURCHASING



Comment: PURCHASING

Attached certificate of conformity for raw material and subcomponents use for this w/o

5.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify "FOR ENGINEERING USE ONLY" and distribute to engineering.

6.0

ENGINEERING 1

ENGINEERING RESOURCE #1



Comment: ENGINEERING RESOURCE #1

Approval of project manager _____

7.0

DC

DOCUMENT CONTROL



Comment: DOCUMENT CONTROL

Inspection Level 21

Job Completion

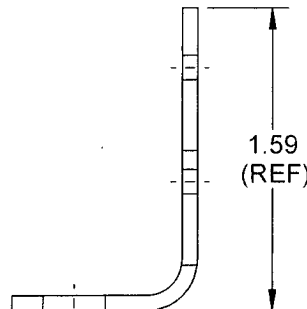
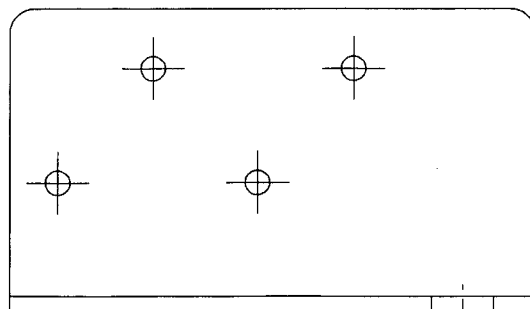
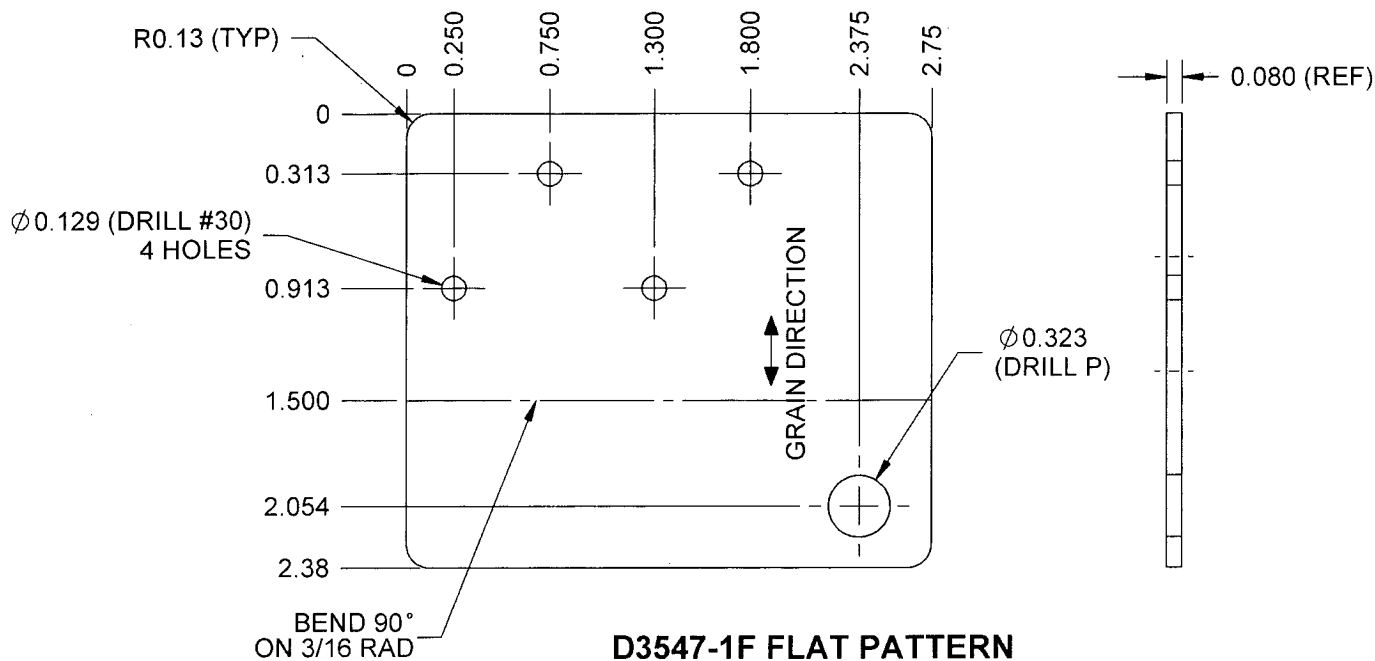


PRELIMINARY ISSUE

UNDER REVIEW

06-08-21 CE

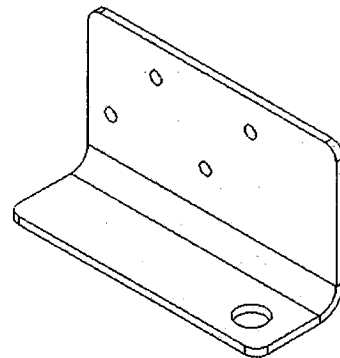
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|---------|----------|---|------------------------|
| DESIGN | DRAWN BY | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | APPROVED | DRAWING NO. D3547 | REV. A SHEET 1 OF 1 |
| DATE | 06.08.08 | TITLE BRACKET | SCALE 1:1 |
| REV | DATE | DESCRIPTION | |
| A | 06.08.08 | NEW ISSUE | |



**D3547-1 BRACKET SHOWN
D3547-2 OPPOSITE**

NOTES:

- 1) MATERIAL: 2024-T3 ALUMINUM 0.080 THICK (REF DART SPEC M2024T3S.080)
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT WHITE (4.5.3.1) PER DART QSI 005 4.3
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED
- 5) BREAK ALL SHARP CORNERS TO 0.010 MAX



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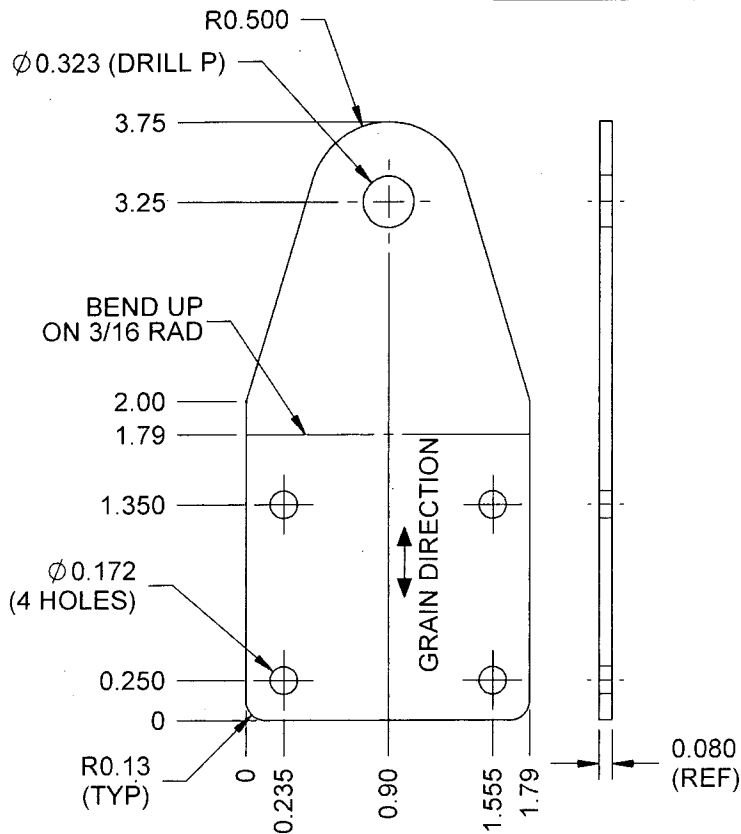
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PRELIMINARY ISSUE

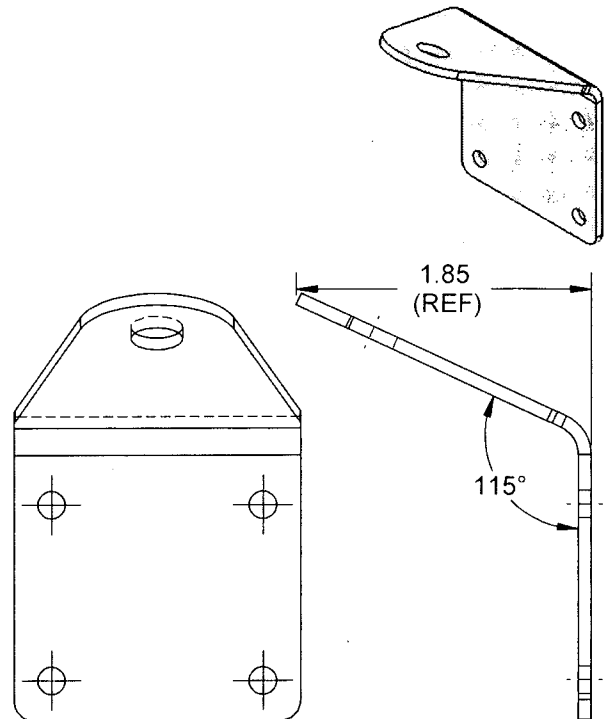
UNDER REVIEW

06.08.21 16

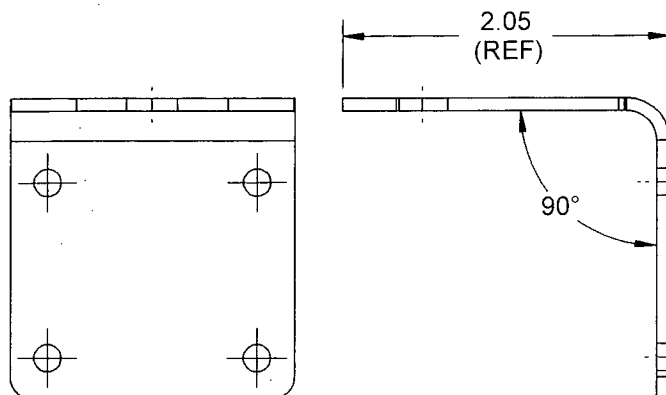
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|-------------------------|-------------------------|--|------------------------|
| DESIGN | DRAWN BY | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | APPROVED | DRAWING NO. D3548 | REV. A SHEET 1 OF 1 |
| DATE 06.08.09 | TITLE BRACKET | | SCALE 1:1 |
| REV A | DATE 06.08.09 | DESCRIPTION NEW ISSUE | |



D3548-1F FLAT PATTERN



D3548-1 BRACKET



D3548-3 BRACKET
(MAKE FROM D3548-1F FLAT PATTERN)

1X
each

NOTES:

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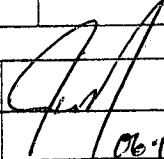
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| | | |
|---------------------------|-------------|-------------------------------|
| DART AEROSPACE LTD | | Work Order: D3547-1 |
| Description: | | Part Number: Prototype |
| Inspection Dwg: | Rev: | Page 1 of 1 |

FIRST ARTICLE INSPECTION CHECKLIST

☒ First Article ☒ Prototype

| Drawing Dimension | Tolerance | Actual Dimension | Accept | Reject | Method of Inspection | Comments |
|-------------------|-----------------------------------|------------------|--------|--------|----------------------|----------|
| 0.313 | ± 0.010 | 0.316 | ✓ | | Vern | |
| 0.913 | ± 0.010 | 0.917 | ✓ | | Vern | |
| 2.500 | ± 0.010 | | | | | |
| 2.054 | ± 0.010 | 2.061 | ✓ | | Vern | |
| 2.38 | ± 0.030 | 2.38 | ✓ | | Vern | |
| Ø 0.129 | $+0.005/-0.001$ | Ø 0.133 | ✓ | | Vern | |
| Ø 0.323 | $+0.006/-0.001$ | Ø 0.323 | ✓ | | Vern | |
| 0.250 | ± 0.010 | 0.252 | ✓ | | Vern | |
| 0.750 | ± 0.010 | 0.750 | ✓ | | Vern | |
| 1.300 | ± 0.010 | 1.306 | ✓ | | Vern | |
| 1.800 | ± 0.010 | 1.796 | ✓ | | Vern | |
| 2.325 | ± 0.010 | 2.381 | ✓ | | Vern | |
| 2.75 | ± 0.030 | 2.76 | ✓ | | Vern | |
| 0.680 | ± 0.010 | 0.676 | ✓ | | Vern | |
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|-------------------------|--|----------------------------|
| Measured by: SAD | Audited by:  | Prototype Approval: |
| Date: 06-08-22 | Date: 06-08-22 | Date: |

| Rev | Date | Change | Revised by | Approved |
|-----|------|-----------|------------|----------|
| A | | New Issue | KJ/JLM | |